



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/005,306

DATE: 05/31/2002
TIME: 11:52:51

Input Set: A:\P1042C1.txt
Output Set: N:\CRF3\05312002\J005306.raw

3 <110> APPLICANT: Lazarus, Robert A.
 4 Pan, Clark Qun
 6 <120> TITLE OF INVENTION: HUMAN CHASE I HYPERACTIVE VARIANTS
 8 <130> FILE REFERENCE: P1042C1
 10 <140> CURRENT APPLICATION NUMBER: US 10/005,306
 C--> 11 <141> CURRENT FILING DATE: 2002-05-21
 13 <150> PRIOR APPLICATION NUMBER: US 08/663,831
 14 <151> PRIOR FILING DATE: 1996-06-14
 16 <160> NUMBER OF SEQ ID NOS: 17
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 260
 20 <212> TYPE: PRT
 21 <213> ORGANISM: Homo sapiens
 23 <400> SEQUENCE: 1
 24 Leu Lys Ile Ala Ala Phe Asn Ile Gln Thr Phe Gly Glu Thr Lys
 25 1 5 10 15
 26 Met Ser Asn Ala Thr Leu Val Ser Tyr Ile Val Gln Ile Leu Ser
 27 20 25 30
 28 Arg Tyr Asp Ile Ala Leu Val Gln Ile Val Arg Asp Ser His Leu
 29 35 40 45
 30 Thr Ala Val Gly Lys Leu Leu Asp Asn Ile Asn Gln Asp Ala Pro
 31 50 55 60
 32 Asp Thr Tyr His Tyr Val Val Ser Gln Pro Leu Gly Arg Asp Ser
 33 65 70 75
 34 Tyr Lys Glu Arg Tyr Leu Phe Val Tyr Arg Pro Asp Gln Val Ser
 35 80 85 90
 36 Ala Val Asp Ser Tyr Tyr Tyr Asp Asp Ile Cys Gln Pro Lys Gly
 37 95 100 105
 38 Asn Asp Thr Phe Asn Arg Ile Pro Ala Ile Val Arg Phe Ser
 39 110 115 120
 40 Arg Phe Thr Glu Val Arg Glu Phe Ala Ile Val Pro Leu His Ala
 41 125 130 135
 42 Ala Pro Gly Asp Ala Val Ala Gln Ile Asp Ala Leu Tyr Asp Val
 43 140 145 150
 44 Tyr Leu Asp Val Gln Gln Lys Ile Gly Leu Gln Asp Val Met Leu
 45 155 160 165
 46 Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Arg Pro Ser Gln
 47 170 175 180
 48 Ile Ser Ser Ile Arg Leu Ile Ser Pro Thr Phe Gln Ile Leu
 49 185 190 195
 50 Ile Pro Asp Ser Ala Asp Thr Ile Ala Ile Pro Thr His Lys Ala
 51 200 205 210
 52 Tyr Asp Arg Ile Val Val Ala Ile Met Leu Ser Asp Gly Ala Val

RAW SEQUENCE LISTING
PATENT APPLICATION N: US/10/005,306

DATE: 07/31/2002
TIME: 11:52 (ET)

Input Set: A:\P1042C1.txt
Output Set: N:\CRF3\05312002\J005306.raw

67	218	220	222
68	Val Pro Asp Ser Ala Ile Ile Thr Asn Phe Glu Ala Ala Tyr Gly		
69		230	232
70		235	240
71	Leu Ser Asp Gln Leu Ala Glu Ala Ile Ser Asp His Tyr Pro Val		
72		245	250
73		250	255
74	Glu Val Met Leu Lys		
75		260	
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77	<210> SEQ ID NO: 2		
78	<211> LENGTH: 260		
79	<212> TYPE: PRT		
80	<213> ORGANISM: Homo sapiens		
81	<400> SEQUENCE: 2		
82	Leu Lys Ile Ala Ala Phe Asn Ile Asn Thr Phe Gly Ile Thr Lys		
83	1 3 5 10 15		
84	Met Ser Asn Ala Thr Leu Val Ser Tyr Ile Val Gln Ile Leu Ser		
85	20 25 30		
86	Arg Tyr Asp Ile Ala Leu Val Gln Glu Val Arg Asp Ser His Leu		
87	35 40 45		
88	Thr Ala Val Gly Lys Leu Ile Asp Asn Leu Asn Gln Asp Ala Pro		
89	50 55 60		
90	Asp Thr Tyr His Ile Val Val Ser Glu Pro Leu Gly Arg Asn Ser		
91	65 70 75		
92	Tyr Lys Glu Arg Tyr Leu Phe Val Tyr Arg Pro Asp Gln Val Ser		
93	80 85 90		
94	Ala Val Asp Ser Tyr Tyr Asp Asp Gly Cys Glu Pro Cys Gly		
95	95 100 105		
96	Asn Asp Thr Phe Asn Arg Glu Pro Ala Ile Val Arg Phe Ser		
97	110 115 120		
98	Arg Phe Thr Gln Val Arg Glu Phe Ala Ile Val Pro Leu His Ala		
99	125 130 135		
100	Ala Pro Gly Asp Ala Val Ala Glu Ile Asp Ala Leu Tyr Asp Val		
101	140 145 150		
102	Tyr Leu Asp Val Gln Glu Lys Ile Gly Leu Glu Asp Val Met Leu		
103	155 160 165		
104	Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Arg Pro Ser Gln		
105	170 175 180		
106	Tyr Ser Ser Ile Arg Leu Ile Thr Ser Pro Thr Phe Gln Ile		
107	185 190 195		
108	Ile Pro Asp Ser Ala Asp Thr Thr Ala Thr Pro Ile His Cys Ala		
109	200 205 210		
110	Tyr Asp Arg Ile Val Val Ala Gly Met Leu Leu Arg Gly Ala Val		
111	215 220 225		
112	Val Pro Asp Ser Ala Leu Pro Phe Asn Phe Gln Ala Ala Tyr Gly		
113	230 235 240		
114	Leu Ser Asp Gln Leu Ala Gln Ala Ile Ser Asp His Tyr Pro Val		
115	245 250 255		
116	Thr Val Met Leu Lys		
117		260	
118			
119	<210> SEQ ID NO: 3		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/005,306

DATE: 1/31/2002
TIME: 11:52:51

Input Set: A:\P1042C1.txt
Output Set: N:\CRF3\05312002\J005306.raw

189 >211> LENGTH: 260
190 >212> TYPE: PPT
191 >213> ORGANISM: Homo sapiens
193 >4>> SEQUENCE: 3
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195 1 5 10 15
197 Met Ser Asn Ala Thr Leu Val Ser Tyr Ile Val Gln Ile Leu Ser
198 20 25 30
199 Arg Tyr Asp Ile Ala Leu Val Gln Glu Val Arg Asp Ser His Leu
200 35 40 45
201 Thr Ala Val Gly Lys Leu Leu Asp Asn Ile Asn Gln Asp Ala Pro
202 50 55 60
203 Asp Thr Tyr His Tyr Val Val Ser Glu Pro Leu Gly Arg Asn Ser
204 65 70 75
205 Tyr Lys Gln Arg Tyr Leu Ile Val Tyr Arg Pro Asp Ile Val Ser
206 80 85 90
207 Ala Val Asp Ser Tyr Tyr Asp Asp Gly Cys Glu Pro Cys Gly
208 95 100 105
209 Asn Asp Thr Phe Asn Arg Glu Pro Ala Ile Val Arg Phe Phe Ser
210 110 115 120
211 Arg Phe Thr Gln Val Arg Glu Phe Ala Ile Val Pro Leu His Ala
212 125 130 135
213 Ala Pro Gly Asp Ala Val Ala Gln Ile Asp Ala Leu Tyr Asp Val
214 140 145 150
215 Tyr Leu Asp Val Gln Glu Lys Ile Gly Leu Gln Asp Val Met Leu
216 155 160 165
217 Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Arg Pro Ser Gln
218 170 175 180
219 Ile Ser Ser Ile Arg Leu Ile Thr Ser Ile Thr Phe Ile Ile Leu
220 185 190 195
221 Ile Pro Asp Ser Ala Asp Thr Thr Ala Thr Pro Thr His Cys Ala
222 200 205 210
223 Tyr Asp Arg Ile Val Val Ala Gly Met Leu Leu Arg Gly Ala Val
224 215 220 225
225 Val Pro Asp Ser Ala Leu Pro Phe Asn Phe Gln Ala Ala Tyr Gln
226 230 235 240
227 Ile Ser Asp Gln Ile Ala Ile Ser Arg His Tyr Ile Val
228 245 250 255
229 Gln Val Met Ile Lys
230 260
198 >210> SEQ ID NO: 4
199 >211> LENGTH: 260
200 >212> TYPE: PPT
201 >213> ORGANISM: Homo sapiens
203 >4>> SEQUENCE: 4
204 Ile Lys Ile Ala Ala Phe Asn Ile Gln Thr Phe Gly Arg Thr Lys
205 1 5 10 15
207 Met Ser Asn Ala Thr Leu Val Ser Tyr Ile Val Gln Ile Leu Ser
208 20 25 30

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/005,306

DATE: 5/17/2002

TIME: 11:52:51

Input Set: A:\P1042C1.txt

Output Set: N:\CRF3\05312002\J005306.raw

210 Arg Tyr Asp Ile Ala Leu Val Gln Gln Val Asp Ser His Leu
 211 45
 212 Thr Ala Val Gly Lys Leu Leu Asp Asp Leu Asp Thr Asp Ala Pro
 213 60
 214 Asp Thr Tyr His Tyr Val Val Ser Gln Pro Leu Gly Arg Asn Ser
 215 75
 216 Tyr Lys Glu Arg Tyr Leu Phe Val Tyr Arg Pro Asp Gln Val Ser
 217 90
 218 Ala Val Asp Ser Tyr Tyr Tyr Asp Asp Gly Cys Gln Pro Cys Gly
 219 105
 220 Asn Asp Thr Phe Asn Arg Gln Pro Ala Ile Val Arg Phe Phe Ser
 221 120
 222 Arg Phe Thr Gln Val Arg Gln Phe Ala Ile Val Pro Leu His Ala
 223 135
 224 Ala Pro Gly Asp Ala Val Ala Gln Ile Asp Ala Leu Tyr Asp Val
 225 150
 226 Tyr Leu Asp Val Gln Gln Lys Trp Gly Leu Gln Asp Val Met Leu
 227 165
 228 Met Gly Asp Phe Asn Ala Gly Cys Ser Tyr Val Arg Pro Ser Gln
 229 180
 230 Trp Ser Ser Ile Arg Leu Trp Thr Ser Pro Thr Phe Gln Trp Leu
 231 195
 232 Ile Pro Asp Ser Ala Asp Thr Thr Ala Thr Pro Thr His Cys Ala
 233 210
 234 Tyr Asp Arg Ile Val Val Ala Gly Met Leu Leu Arg Gly Ala Val
 235 225
 236 Val Pro Asp Ser Ala Leu Pro Phe Asn Phe Gln Ala Ala Tyr Gly
 237 240
 238 Leu Ser Asp Gln Leu Ala Ile Ala Ile Ser Asp His Tyr Pro Val
 239 255
 240 Gln Val Met Leu Lys
 241 260
 242 ~210> SEQ ID NO: 5
 243 <211> LENGTH: 260
 244 <212> TYPE: PRI
 245 <213> ORGANISM: Homo sapiens
 246 <214> SEQUENCE:
 247 Leu Lys Ile Ala Ala Phe Asp Ile Ile Ile Phe Gly Ile Lys Lys
 248 75
 249 Ile
 250 Met Ser Asn Ala Thr Leu Val Ser Tyr Ile Val Gln Ile Leu Ser
 251 85
 252 Arg Tyr Asp Ile Ala Leu Val Ile Gln Val Arg Asp Ser His Leu
 253 100
 254 Thr Ala Val Gly Lys Leu Leu Asp Asp Leu Asn Gln Asp Ala Pro
 255 115
 256 Asp Thr Tyr His Tyr Val Val Ser Gln Pro Leu Gly Arg Asn Ser
 257 130
 258 Tyr Lys Glu Arg Tyr Leu Phe Val Tyr Arg Pro Asp Gln Val Ser
 259 145
 260 ~210>

RAW SEQUENCE LISTING

PATENT APPLICATION NO: US/10/005, 306

DATE: 05/31/2012

Input file : A:\P1042C1.txt

Output Set: N:\CRF3\05312002\J005306.raw

VERIFICATION SUMMARY

PATENT APPLICATION NO: US/10/005,306

DATE: 05/05/2002

TIME: 11:52:12

Input Set: A:\P1042C1.txt

Output Set: N:\CRF3\05312002\J005306.raw

(all fields in current filling date differs - keep and current filling date)